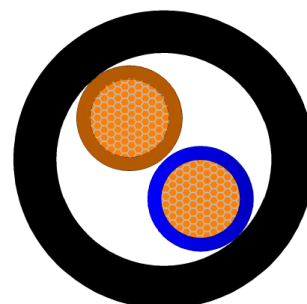
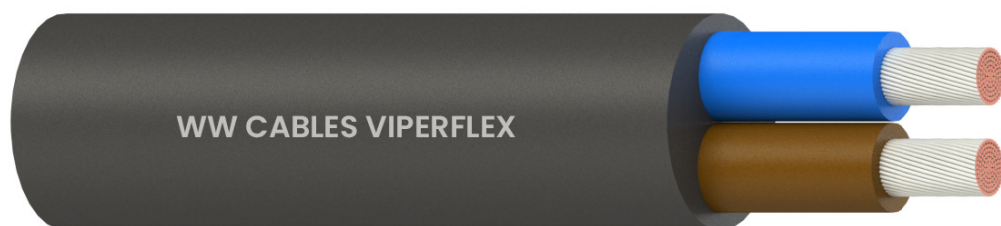




2C EPR Insulated H07 Submersible Rubber Cables 0.6/1kV, Flexible Cu



Note: The above drawing is for representation purpose only.

Description

Conductor:

Class 5 Flexible Tinned Annealed Copper

Insulation:

EPR

Sheath:

CPE

Core Identification

Brown, Blue

Sheath Colour

Black

Technical Data

Voltage Rating:

0.6/1kV

Operating Temperature:

-40°C to +90°C

Short Circuit Temperature:

250°C for 5 sec

Standards Compliance

AS/NZS 5000.1

AS/NZS 1125

AS/NZS 3808

AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

VDE 0293-308

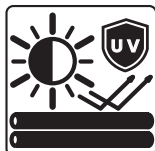
Characteristics



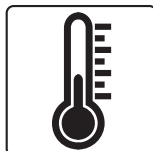
SUBMERSIBLE



FLAME RETARDANT



UV STABILISED



-40°C ~ +90°C



FLEXIBLE

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2C EPR Insulated H07 Submersible Rubber Cables 0.6/1kV, Flexible Cu

Physical & Electrical Characteristics

WWC Product Code	Conductor Size (mm ²)	Conductor Diameter (mm)	Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)
					During Installation	After Installation	
*SM2001ERTC	1	1.26	1.0	9.3	74	39	110
2015ERTC	1.5	1.55	1.0	10.2	80	43	134
*SM2002ERTC	2.5	1.97	1.0	11.5	90	48	192
*SM2040ERTC	4	2.54	1.0	12.8	100	53	270
*SM2060ERTC	6	3.09	1.0	14.3	111	59	350
*SM2011ERTC	10	4.36	1.2	20.4	161	86	616
*SM2016ERTC	16	5.44	1.2	23.0	180	96	841
*SM2025ERTC	25	6.88	1.4	27.3	212	113	1222
*SM2035ERTC	35	8.59	1.4	31.1	245	130	1568
*SM2050ERTC	50	10.38	1.6	36.7	287	153	2149

*These cables are non-stocked items subject to lead times.

Conductor Size (mm ²)	†Current-carrying capacity (A)			Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Reactance at 50Hz (Ω/km)
	In Air Touching	In Air Enclosed	In Ground Enclosed		
1	18	16	20	20.0	0.136
1.5	23	20	25	13.7	0.127
2.5	30	27	33	8.21	0.118
4	40	35	43	5.09	0.108
6	51	44	54	3.39	0.103
10	72	62	74	1.95	0.0936
16	96	80	95	1.24	0.0887
25	128	106	124	0.795	0.0871
35	158	129	150	0.565	0.0839
50	199	163	186	0.393	0.0832

†Based on ambient air temperature of 40°C, soil temperature of 25°C, burial depth of 0.5m and soil thermal resistivity of 1.2K.m/W.

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